

Notice of Allowability

Application No.

09/740,403

Examiner

Kenneth R Coulter

Applicant(s)

COPELAND ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment on 7/16/04.
2. ☒ The allowed claim(s) is/are 1-17, 20, 21, 23 and 24.
3. ☒ The drawings filed on 16 April 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
<u>Paper No./Mail Date _____</u> |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date <u>4/27/01; 12/30/03</u> | 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____ |

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kevin Daffer (Reg. No. 34,146) on 11/29/04.

2. The application has been amended as follows:

cancel claim 22;

after "Command Caching," (p. 1, line 5 of the specification) insert -- **Serial No.**

09/740,402, now abandoned; --;

after "JSP Composition in a Cache for Web Applications with Dynamic Content," (p. 1, lines 5 and 6 of the specification) insert -- **Serial No. 09/740,460; --**

after "Cofetching in a Command Cache," (p. 1, lines 6 and 7 of the specification) insert -- **Serial No. 09/740,399, now U.S. Pat. No. 6,823,360; --;**

after "Automatic Invalidation Dependency Capture in a Web Cache with Dynamic Content," (p. 1, lines 7 and 8 of the specification) insert -- **Serial No. 09/740,462, now abandoned; --;**

after "Detecting and Handling Affinity Breaks in Web Applications," (p. 1, lines 8 and 9 of the specification) insert -- **Serial No. 09/740,531; --;**

after "Batching of Invalidations and New Values in a Web Cache with Dynamic Content," (p. 1, lines 9 and 10 of the specification) insert -- **Serial No. 09/740,459, now abandoned; --**.

REASONS FOR ALLOWANCE

3. The following is an examiner's statement of reasons for allowance:

The prior art of record does not specifically disclose or remotely suggest a common cache in a server, comprising:

a first portion containing only code and data associated with commands;

a second portion containing only code and data associated with server pages;

and

a third portion containing only code and data associated with either commands or server pages.

In addition Applicant states (Remarks; p. 7; paragraph 3; paper on 7/16/04) that

"Challenger does not teach or suggest a cache within a server that is apportioned into first, second, and third portions, regions, or areas. **Present independent claims 1, 20, 23, and 24 each recite a cache within a server that is bifurcated into three portions.**"

Also, Applicant states (Remarks; p. 8; paragraph 1; paper on 7/16/04) that "Challenger does not teach or suggest a first portion of a cache dedicated solely to storing commands, a second portion of the cache dedicated solely to storing server pages, and/or a third portion of the cache dedicated to storing both commands and/or server

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pages. Similar to the apportionment concept, **each of the present independent claims 1, 20, 23, and 24 recite a specific purpose for the apportioned cache regions or areas.**"

A review of claims 1 – 17, 20, 21, 23, and 24, in view of the Examiner's arguments above and in view of Applicant's arguments detailed above, indicates that claims 1 – 17, 20, 21, 23, and 24 are allowable over the prior art of record.

4. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kenneth R Coulter whose telephone number is 571 272-3879. The examiner can normally be reached on 5 4 9.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia can be reached on 571 272-3880. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

krc

KENNETH R. COULTER
PRIMARY EXAMINER
